

SOIL EROSION FOR DESIGNERS

September 19, 20 and 21, 2006

8:00 AM – 4:00 PM

One discounted fee: \$375

2.4 Continuing Education Units (CEU)

(Course # 0906SoilD)

This two-day lecture and one-day field course is designed to introduce the beginners and refresh the professionals on site design within the Standards for Soil Erosion and Sediment Control. In this course, you will learn to:

- Prepare erosion control plans
- Determine off-site stability
- Calculate state-wide peak rate reductions
- Evaluate stability with respect to 300' buffer rqmts
- Choose vegetative and structural controls
- Develop sediment and detention basins
- Perform a channel stability analysis
- Design riprap and conduit outlet protection
- Use NRCS hydrology and hydraulics methodology to design soil erosion control practices
- Become a low impact development and implementation designer
- Use the DELMARVA Unit Hydrograph
- Implement Best Management Practices
- Gain knowledge of erosion control installation and sequencing
- Become familiar with NRCS New Soil Survey

WHO SHOULD ATTEND?

- Environmental Consultants
- Civil & Environmental Engineers
- Landscape Architects and Planners
- SCD and NRCS personnel
- Soil Scientists and Resource Conservationists
- Watershed Associations

SOIL EROSION FOR CONTRACTORS

October 30 and 31, 2006

8:00 AM – 4:00 PM

One discounted fee: \$180

1.6 Continuing Education Units (CEU)

(Course # 1106SoilC)

This one-day lecture and one half-day field course is designed to introduce the beginners and refresh the professionals on design, installation, and maintenance of soil erosion and sediment control measures. In this course you will learn to:

- Utilize Sediment and Erosion Control Plans in order to avoid costly mistakes from unforeseen situations during plan implementation
- Become a low impact development and implementation contractor
- Gain an understanding of the law
- Obtain Soil Information
- Understand Vegetation Standards
- Determine when to use different types of diversions, grass waterways, grade stabilization and slope protection structures
- Explore sediment basin construction and maintenance
- Discover the proper maintenance practices for erosion controls
- Implement NJDEP Best Management Practices

WHO SHOULD ATTEND?

- Landscape Contractors and Excavators
- Builders and Construction Contractors
- Onsite Engineers and Field Personnel
- Soil Conservation District and NRCS personnel

REGISTRATION INFORMATION

Course fee includes continental breakfast, lunch and course materials. Driving directions and parking information will be e-mailed to all confirmed registrants. If you have not received a confirmation notice three days prior to the course start date, please contact Kathy Urbano in the Rowan Engineering Outreach Office at 856-256-5309 or at urbano@rowan.edu.

(Note: room temperature may vary and is not always within our control. Please dress in layers so you can remain comfortable throughout the day)

THREE EASY REGISTRATION OPTIONS:

- **Online** at www.rowan.edu/engineering
- **Telephone** Kathy Urbano at 856-256-5309
(Please have your credit card information available)
- **Mail** Rowan University, College of Engr
Outreach Office, Kathy Urbano
201 Mullica Hill Road
Glassboro, NJ 08028

PLEASE MAKE CHECKS PAYABLE TO:

Rowan University

DRIVING DIRECTIONS and CAMPUS MAP

Available at www.rowan.edu/engineering

QUESTIONS

Contact Kathy Urbano

856-256-5309 or urbano@rowan.edu

CANCELLATION POLICY

Registrants may withdraw from the course with a full refund minus a \$50 processing fee provided Rowan's office is notified at least three business days prior to the course start. Beyond that time, registrants may be responsible for the full registration fee if they register but do not attend. Substitutions are permitted.

PLEASE JOIN US at Rowan University's Student Center Ballroom. Driving directions available at www.rowan.edu/engineering

QUESTIONS can be directed to Kathy Urbano at 856-256-5309 or urbano@rowan.edu

SOIL EROSION AND SEDIMENT CONTROL

Soil Erosion and Sediment Control standards provide detailed design guidance for the successful development of an erosion and sediment control plan. Whether focused on plan development or execution, familiarity with soil erosion control on development sites in New Jersey is essential. These courses will provide the knowledge to avoid costly mistakes.


Expert instructors, the professionals who implement and regulate the standards, will provide the knowledge to coordinate erosion control plan designs with requirements for wetland protection, stream encroachment and stormwater management.

Problem solving sessions will provide the opportunity to discuss issues with course instructors on actual projects. The offsite field day will allow examination of “real-life” applications of soil erosion and sediment control practices. For practical discussion purposes, please feel free to e-mail an Adobe .pdf file of a project, one week prior to the course start date, to hunter.birckhead@ag.state.nj.us.

These courses will also explain the coordination of standards with the New Jersey Department of Community Affairs’ (NJDCa) Residential Site Improvement Standards (RSIS) and NJDEP regulations, including the New Jersey Stormwater Best Management Practices manual. All designers will receive a copy of the current Standards for Soil Erosion and Sediment Control in NJ.

COURSE INSTRUCTORS:

NJ Department of Agriculture
Gloucester County Soil Conservation District
Mercer County Soil Conservation District
NJ Department of Environmental Protection
USDA Natural Resources Conservation Service
Schoor DePalma



College of Engineering

SOIL EROSION AND SEDIMENT CONTROL COURSES

AT
ROWAN UNIVERSITY
STUDENT CENTER ENYON BALLROOM

FOR DESIGNERS
September 19, 20, and 21, 2006

FOR CONTRACTORS
October 30 and 31, 2006

SPONSORED BY
ROWAN UNIVERSITY, COLLEGE OF ENGINEERING
NJ DEPARTMENT OF AGRICULTURE,
-STATE SOIL CONSERVATION COMMITTEE
GLOUCESTER COUNTY SOIL CONSERVATION DISTRICT

Rowan University, College of Engineering
Outreach Office, Kathy Urbano
201 Mullica Hill Road, Glassboro, NJ 08028
www.rowan.edu/engineering
10110-28012

Registration Form

Name _____
Job Title _____
Employer _____
Mailing Address _____
City _____ State _____ ZIP _____
Phone _____ Cell _____
Email _____

Soil Erosion For Designers — Sept. 19, 20, 21, 2006
☐ \$375 Deadline Sept. 8, 2006

Soil Erosion For Contractors — Oct. 30, 31, 2006
☐ \$180 Deadline Oct. 23, 2006

Total Amount \$ _____

☐ Check, money order or purchase order enclosed

☐ Credit Card

☐ Visa ☐ MC ☐ AMEX ☐ Discover

Please call 856-256-5309 with credit card information

Register online at www.rowan.edu/engineering